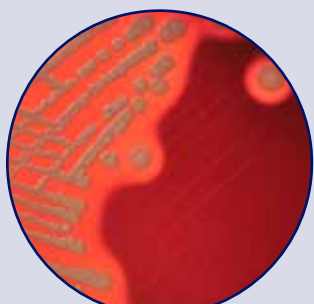


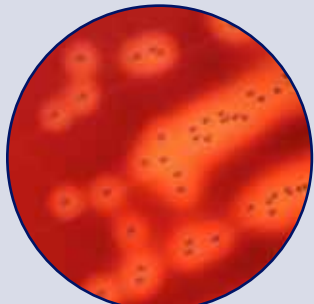
E. coli/HE Agar



gamma hemolysis



Staphylococcus aureus



Streptococcus pyogenes



Optochin-Sensitive



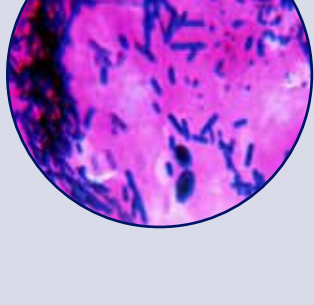
Bile Esculin Hydrolysis



Nose Swab Streak Plate on Mannitol Salt Agar



Throat Swab Streak Plate on Blood Agar



Vagina Flora



Escherichia coli Antiseptic Assay



Escherichia coli MIC Assay



Staphylococcus aureus Kirby-Bauer Assay

X Clinical Microbiology 1-13

1 Biosafety, 2 Selective & Differential Media, 3 Hemolysis, 4 Staphylococcus, 5 Beta-Hemolytic Streptococci, 6 Streptococcus pneumoniae, 7 Group D Enterococci & Streptococci, 8 Skin & Nose Swab, 9 Throat Swab, 10 Vagina Flora, 11 Antiseptics & Disinfectants, 12 MIC, 13 Kirby-Bauer Assay

Clinical 1 Biosafety

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- Objectives/Key Words
 - Health Sciences Microbiology
 - Risk Group Categories
 - Stock Cultures: Clinical Microbiology'
 - Biosafety Levels 1-3
 - Basic & Applied Microbiology for Health Sciences
 - Clinical Microbiology for Health Sciences
- 16 interactive pdf pages
 - 8 illustrations, 4 images of microbes
 - 4 techniques videos
 - ✓ 2 best practice animations
- Clinical Quick Quiz 1A: Risk Groups & Stock Cultures
 - Clinical Quick Quiz 1B: Personal Conduct
 - Clinical Quick Quiz 1C: Laboratory Organization
 - Clinical Quick Quiz 1D: Laboratory Practices
 - Clinical Question Bank 1.1****/

Clinical 2 Selective & Differential Media

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- Objectives/Key Words
 - Selective & Differential Media'
 - Quadrant Streak Plate**/
 - Mannitol Salt (MS) Agar'
 - MacConkey (MC) Agar'
 - Eosin-Methylene Blue (EMB)'
 - Hektoen Enteric (HE) Agar'
- 14 interactive pdf pages
 - 23 illustrations, 21 images of microbes
 - 1 techniques animation
 - 1 techniques video
 - ✓ 7 best practice animations
- Clinical Quick Quiz 2A: Selective & Differential Media
 - Clinical Quick Quiz 2B: Best Practice
 - Clinical Question Bank 2.1'-2.4

Clinical 3 Hemolysis

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- Objectives/Key Words
 - Alpha, Beta & Gamma Hemolysis'
 - Streptococcus Streak/Stab Technique****/
 - Streptolysin S & O
 - The CAMP Test**/
 - Streptococcus agalactiae'
- 13 interactive pdf pages
 - 17 illustrations, 15 images of microbes
 - 2 techniques animations
 - 3 techniques videos
 - ✓ 5 best practice animations
- Clinical Quick Quiz 3A: Hemolysis
 - Clinical Quick Quiz 3B: Best Practice
 - Clinical Question Bank 3.1'-3.4

Clinical 4 Staphylococcus

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- Objectives/Key Words
 - Staphylococcus'
 - Staphylococcus Streak Plate (BSL1, BSL2)**/
 - Staphylococcus Streak Plate (disposable loops)**/
 - Mannitol Salt Plates'
 - Blood Agar Plates'
 - Staphylococcus Gram Stain**
 - Catalase & Oxidase 1*-2'
 - Deoxyribonuclease 1*-2'
 - Coagulase 1*-2'
- 19 interactive pdf pages
 - 19 illustrations, 13 images of staphylococcus
 - 4 techniques animations
 - 5 techniques videos
 - ✓ 12 best practice animations
- Clinical Quick Quiz 4A: Staphylococcus
 - Clinical Quick Quiz 4B: Best Practice
 - Clinical Question Bank 4.1'-4.3

Clinical 5 Beta-Hemolytic Streptococci

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- Objectives/Key Words
 - β-Hemolytic Streptococci'
 - Diagnostic Blood Agar Plates 1**/-2****/
 - Group A Streptococcus pyogenes
 - Group B Streptococcus agalactiae
 - Group C Streptococci'
- 16 interactive pdf pages
 - 19 illustrations, 10 images of microbes
 - 2 techniques animations
 - 3 techniques videos
 - ✓ 5 best practice animations
- Clinical Quick Quiz 5A: β-Hemolytic Streptococcus ♦ 2 scenic microbiology, 3 images
 - Clinical Quick Quiz 5B: Best Practice ♦ Dr. Semmelweis & Nosocomial Infections
 - Clinical Question Bank 5.1'-5.6 ♦ Mastitis & Beta-Hemolytic Streptococci

Clinical 6 Streptococcus pneumoniae

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- Objectives/Key Words
 - Streptococcus pneumoniae'
 - Diagnostic Single-Streak Plate (BSL2)**/
 - Diagnostic Single-Streak Plate (DL)**/
 - Optochin Susceptibility1***, 2'
 - Colony Morphology
 - Bile Solubility
 - Gram Stain & Cell Morphology**
 - S. pneumoniae Capsule
- 16 interactive pdf pages
 - 15 illustrations, 12 images of microbes
 - 3 techniques animations
 - 6 techniques videos
 - ♦ 1 scenic microbiology, 2 images
 - ♦ Japanese Face Masks
- Clinical Quick Quiz 6A: S. pneumoniae
 - Clinical Quick Quiz 6B: Best Practice
 - Clinical Question Bank 6.1'-6.3

Clinical 7 Group D Enterococci & Streptococci

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- Objectives/Key Words
 - Group D Streptococci & Enterococci'
 - Bile Esculin Agar
 - Bile Esculin Hydrolysis 1***/-2'
 - Salt Tolerance 1***/-2'
- 11 interactive pdf pages
 - 8 illustrations, 5 images of microbes
 - 2 techniques animations
 - 3 techniques videos
 - ✓ 6 best practice animations
- Clinical Quick Quiz 7A: Steptococci & Enterococci
 - Clinical Quick Quiz 7B: Best Practice
 - Clinical Question Bank 7.1'

Clinical 8 Skin & Nose Swab

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- Objectives/Key Words
 - Skin & Nose Swabs'
 - Skin Swab (Biosafety Level 1)**/
 - Skin Swab Streak Plate (Biosafety Level 1)**/
 - Identifying Skin Micrococci*'
 - Nose Swab **/
 - Nose Swab Streak Plates (BSL1)**/
 - Nose Swab Streak Plates (BSL2)*'
 - Isolating Staphylococci*'
 - Identifying Staphylococci*'
- 17 interactive pdf pages
 - 30 illustrations, 21 images of microbes
 - 6 techniques animations
 - 6 techniques videos
 - ✓ 11 best practice animations
- Clinical Quick Quiz 8A: Skin & Nose Swab
 - Clinical Quick Quiz 8B: Best Practice
 - Clinical Question Bank 8.1'-8.2

Clinical 9 Throat Swab

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- Objectives/Key Words
 - Oral Flora'
 - Throat Swab **/
 - Throat Swab Streak Plate (BSL1)**/
 - Throat Swab Streak Plate (BSL2)***/
 - Throat Cultures*'
 - Alpha-Hemolytic Streptococci 1*-2'
 - Beta-Hemolytic Streptococci 1*-2'
 - Gamma-Hemolytic Isolates**/5
 - Moraxella/Neisseria'
 - Stomatococcus'
- 20 interactive pdf page
 - 27 illustrations, 20 images of microbes
 - 6 techniques animations
 - 5 techniques videos
 - ✓ 13 best practice animations
- Clinical Quick Quiz 9A: Throat Swab
 - Clinical Quick Quiz 9B: Best Practice
 - Clinical Question Bank 9.1'-9.4

Clinical 10 Vagina Flora

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- Objectives/Key Words
 - Normal Vagina Flora
 - Candida Vaginitis
 - Bacterial Vaginosis
 - Clue Cells
 - Trichomonas vaginalis
- 10 interactive pdf pages
 - 15 illustrations, 12 images of microbes
 - ✓ 1 best practice animation
 - ♦ 1 scenic microbiology, 3 images
 - ♦ Antifungal Agents & b Probiotics: Canesten, Monistat & Azo
- Clinical Quick Quiz 10
 - Clinical Question Bank 10.1'-10.2

Clinical 11 Antiseptics & Disinfectants

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- Objectives/Key Words
 - Antiseptics
 - Hand Sanitizers
 - Disinfectants
 - Antiseptic/Disinfectant Assays
 - Phenol Coefficient 1'-2
 - AOAC Use Dilution
 - Antiseptic/Disinfectant Assay 1*-2
- 25 interactive pdf pages
 - 42 illustrations, 10 images of microbes
 - 1 techniques animations
 - ✓ 3 best practice animations
 - ♦ 11 scenic microbiology, 25 images, 1 video ♦
 - ♦ Antiseptics & Disinfectants³
 - ♦ Brexit & US Chlorinated Chicken
 - ♦ Hand Sanitizer on a Cruise Ship ♦
 - ♦ Hand Sanitizers
 - ♦ Hexachlorophene
 - ♦ Lister Centenary [1965]
 - ♦ Listerine Ultraclean
 - ♦ Masterline Ultra Clean
 - ♦ Manuka Honey & Tea Tree Oil
 - ♦ Triclosan
- Clinical Quick Quiz 11A: Antiseptics/Disinfectants
 - Clinical Quick Quiz 11B: Best Practice
 - Clinical Question Bank 11.1'-11.11

Clinical 12 MIC (Minimum Inhibitory Concentration)

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- Objectives/Key Words
 - MIC (Minimum Inhibitory Concentration) 1'
 - MIC Procedure (Overview)*
 - Serological Pipetting
 - No Mouth Pipetting
 - Mechanical Pipetter (BSL1, BSL2)***/
 - Serial Dilution of Antimicrobial Agent
 - Standard Cell Suspension (BSL1, BSL2)****/
 - Standard MIC Inoculum*'
 - MIC Assay 1*-2*'
 - MIC (Minimum Inhibitory Concentration) 2'
 - MBC (Minimum Bactericidal Concentration) 1*-2'
- 18 interactive pdf pages
 - 13 illustrations, 2 images of microbes
 - 7 techniques animations
 - 5 techniques videos
 - ✓ 11 best practice animations
- Clinical Quick Quiz 12A: MIC
 - Clinical Quick Quiz 12B: Best Practice
 - Clinical Question Bank 12.1'

Clinical 13 Kirby-Bauer Assay

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- Objectives/Key Words
 - Kirby-Bauer Assay
 - Standard Cell Suspension (BSL1)**/
 - Standard Cell Suspension (BSL2, DL, BSC)****/
 - Mueller Hinton II Agar
 - Kirby-Bauer Plate (BSL1)**/
 - Kirby-Bauer Swab Plate (BSL2)**/
 - Measuring Zones of Inhibition*'
 - Interpret Zones of Inhibition 1-2**
 - Sensitive & Resistant 1'
 - Resistant Colonies
 - Sensitive & Resistant 2'
 - Antimicrobial Agent Synergy
 - Pseudomonas aeruginosa'
 - MRSA (methicillin-resistant Staphylococcus aureus)'
 - VRE (vancomycin-resistant enterococcus)'
- 30 interactive pdf pages
 - 45 illustrations, 15 images of microbes
 - 5 techniques animations
 - 8 techniques videos
 - ✓ 11 best practice animations
 - ♦ 6 scenic microbiology, 15 images
 - ♦ Charles Darwin, Natural Selection & Antibiotic Resistance
 - ♦ Komodo Dragon, Indonesia
 - ♦ Over-the-Counter (OTC) Antibiotics, Cabo San Lucas, Mexico
 - ♦ Peptide Antibiotics, Pink Eye, Skin Scrapes & Sore Throats
 - ♦ Raised WITHOUT Antibiotics, Canada
 - ♦ WW1/WW2 Memorial, London
- Clinical Quick Quiz 13A: Kirby-Bauer Assay
 - Clinical Quick Quiz 13B: Best Practice
 - Clinical Question Bank 13.1'-13.10